App No.: NOT YET ASSIGNEDDocket No.: 146712004000 Inventor: Thomas P. NOLAN

Title: TILTED RECORDING MEDIA WITH L10 MAGNETIC

LAYER

Sheet 1 of 6

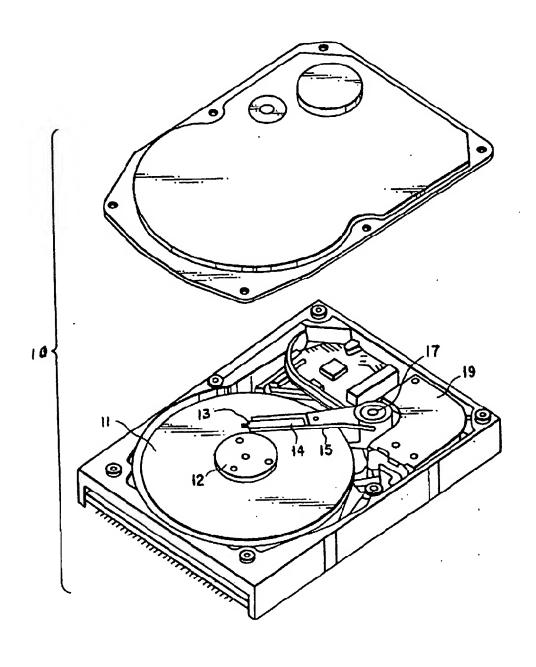


Figure 1 (Prior art).

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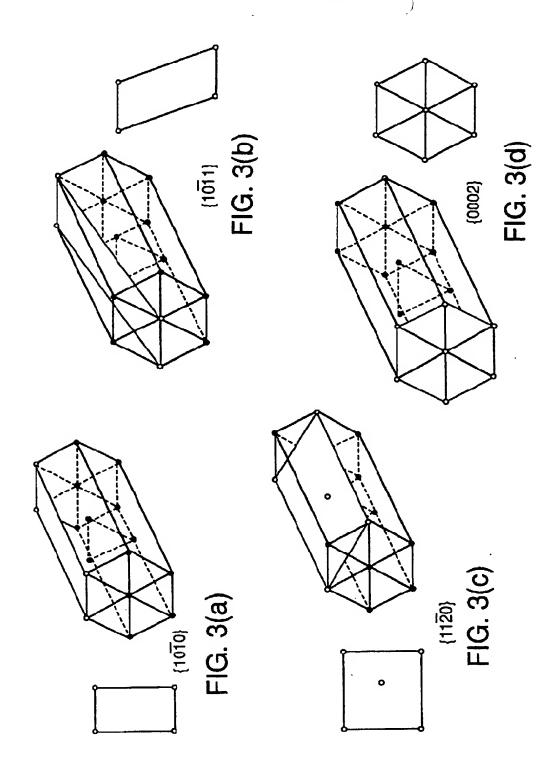
Protective overcoat 23
 Magnetic layer 22
Underlayer 21
Substrate 20
Underlayer 21'
Magnetic layer 22'
Protective overcoat 23'
F.

Figure 2 (Prior art).

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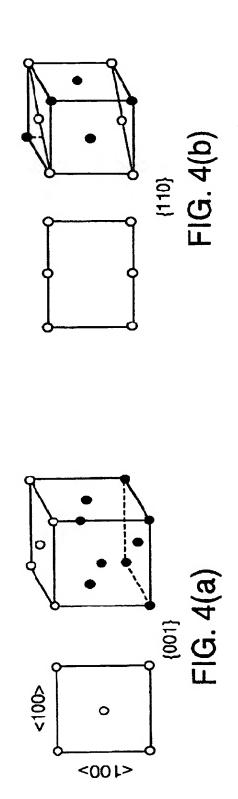


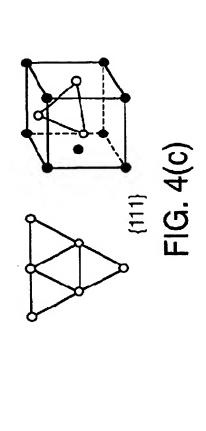
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Carbon overcoat Magnetic layer with L1 ₀ structure
Underlayer
Substrate

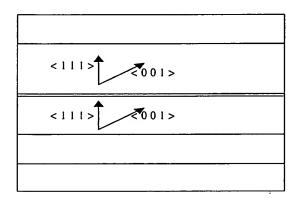
Figure 5.

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LAYER

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Carbon overcoat

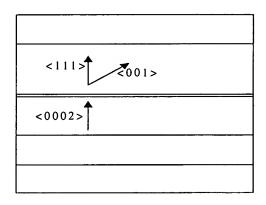
Magnetic layer with Llo structure

Underlayer with fcc structure

A morphous seed layer

Substrate

Figure 5b.



Carbon overcoat

Magnetic layer with Llo structure

Underlayer with hcp structure

Amorphous seed layer

Substrate

Figure 5a.